

TABLE 11

Effects of plant extracts, sodium penicillin G, and streptomycin sulfate on the growth of *Staphylococcus aureus*.

Plant extract/drug		Inoculum (CID50)	EC50 (mg/ml)	EC90 (mg/ml)
5	GHX-8R	10 ¹	0.114	0.455-0.91*
		10 ²	0.228	NE
		10 ³	0.228-0.445	NE
10	GHX-20L	10 ¹	0.075	0.149
		10 ²	0.075-0.149	0.149-0.298
		10 ³	0.149-0.298	0.149-0.298
15	GHX-26F	10 ¹	0.0038	0.061
		10 ²	0.0077	0.124
		10 ³	0.124	0.124-0.248
20	GHX-27L	10 ¹	0.520*	NE
		10 ²	0.520	NE
		10 ³	0.520	NE
25	Penicillin G	10 ¹	<0.0005	<0.0005
		10 ²	<0.0005	<0.0005
		10 ³	0.002	0.002-0.004
25	Streptomycin sulfate	10 ¹	<0.0004	<0.0004
		10 ²	<0.0004	<0.0004
		10 ³	<0.0004	<0.0004

* Highest concentration tested.

NE - not effective

25 CID50- Culture infectious dose of 50% of the wells.

TABLE 12

Effects of plant extracts, sodium penicillin G, and streptomycin sulfate on the growth of *Salmonella typhimurium*.

Plant extract/drug		Inoculum (CID50)	EC50 (mg/ml)	EC90 (mg/ml)
5	GHX-20L	10 ¹	0.149-0.298*	0.149-0.298
		10 ²	NE	
		10 ³	NE	
10	GHX-26F	10 ¹	0.03-0.06	0.124-0.248
		10 ²	0.124	0.248
		10 ³	0.248*	NE
15	Penicillin G	10 ¹	0.157-0.314	0.157-0.314*
		10 ²	NE	
		10 ³	NE	
15	Streptomycin sulfate	10 ¹	0.016-0.032	0.016-0.032
		10 ²	0.016-0.032	0.016-0.032
		10 ³	0.016-0.032	0.016-0.032

* Highest concentration tested.

NE - not effective

CID50- Culture infectious dose of 50% of the wells.

TABLE 13

Effects of plant extracts, sodium penicillin G, and streptomycin sulfate on the growth of *Klebsiella pneumoniae*.

	Plant extract/drug	Inoculum (CID50)	EC50 (mg/ml)	EC90 (mg/ml)
5	GHX-20L	10^2	0.040	0.085
	GHX-26F	10^2	0.124-0.248	0.124-0.248
	Penicillin G	10^2	0.075	0.13
	Streptomycin sulfate	10^2	<0.001	<0.001

10 CID50- Culture infectious dose of 50% of the wells.